

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072320\  
 Data File : BM026864.D  
 Acq On : 23 Jul 2020 23:01  
 Operator : JU/CG  
 Sample : L3381-03  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Jul 24 01:39:16 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 22 14:16:10 2020  
 Response via : Initial Calibration

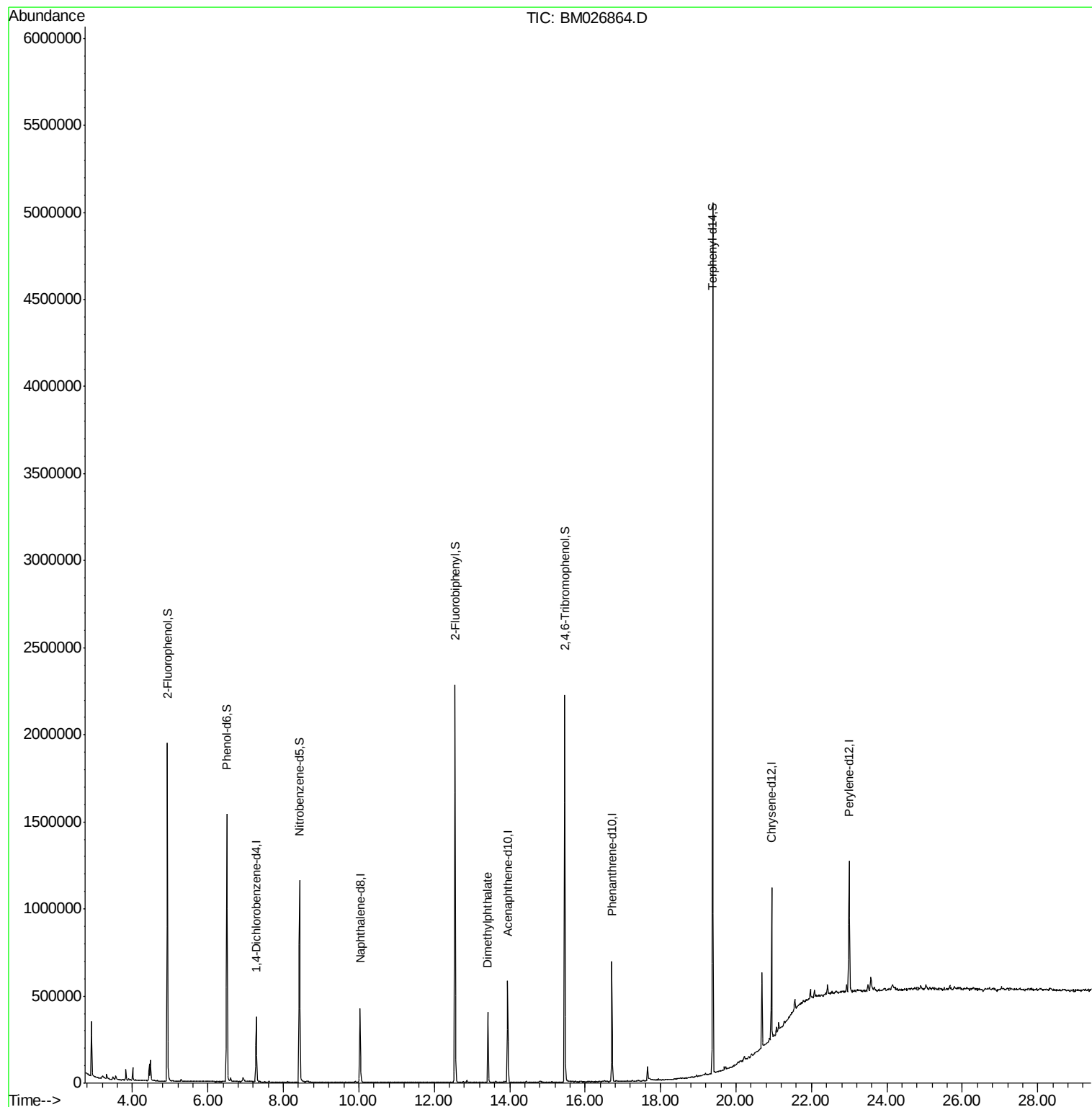
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)     |
|-----------------------------|-------|------|----------|--------|-------|--------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.28  | 152  | 81216    | 20.00  | ng    | -0.02        |
| 21) Naphthalene-d8          | 10.03 | 136  | 303590   | 20.00  | ng    | -0.02        |
| 39) Acenaphthene-d10        | 13.95 | 164  | 173079   | 20.00  | ng    | -0.01        |
| 64) Phenanthrene-d10        | 16.71 | 188  | 360269   | 20.00  | ng    | -0.01        |
| 76) Chrysene-d12            | 20.94 | 240  | 401261   | 20.00  | ng    | 0.00         |
| 86) Perylene-d12            | 23.00 | 264  | 425862   | 20.00  | ng    | -0.01        |
| System Monitoring Compounds |       |      |          |        |       |              |
| 5) 2-Fluorophenol           | 4.93  | 112  | 604380   | 124.73 | ng    | -0.02        |
| 7) Phenol-d6                | 6.50  | 99   | 697037   | 90.29  | ng    | -0.02        |
| 23) Nitrobenzene-d5         | 8.43  | 82   | 596608   | 83.84  | ng    | -0.02        |
| 42) 2,4,6-Tribromophenol    | 15.47 | 330  | 323340   | 128.25 | ng    | 0.00         |
| 45) 2-Fluorobiphenyl        | 12.55 | 172  | 1045890  | 80.35  | ng    | -0.02        |
| 79) Terphenyl-d14           | 19.38 | 244  | 1756162  | 86.13  | ng    | 0.00         |
| Target Compounds            |       |      |          |        |       |              |
| 50) Dimethylphthalate       | 13.42 | 163  | 223583   | 15.103 | ng    | Qvalue<br>98 |

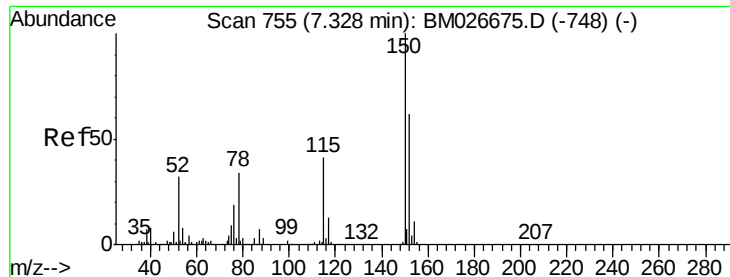
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA\_M  
ClientSampleId :

Quant Time: Jul 24 01:39:16 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Jul 22 14:16:10 2020  
Response via : Initial Calibration



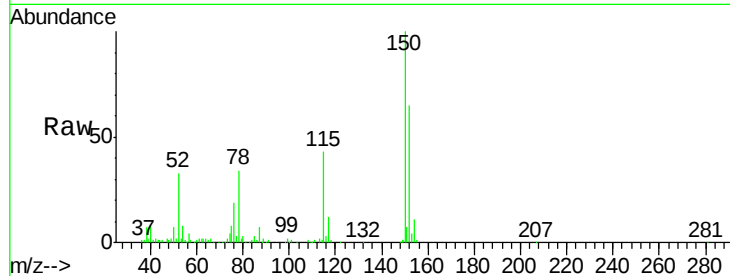


#1

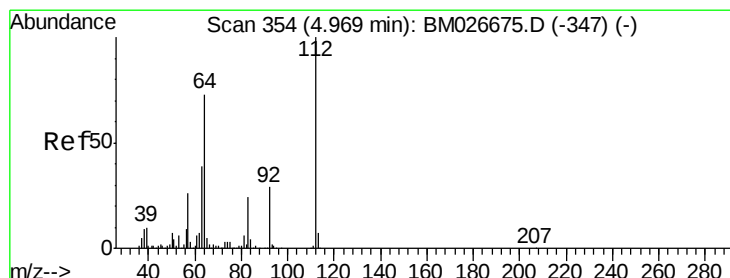
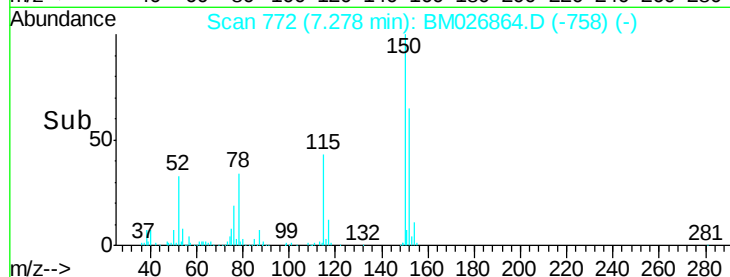
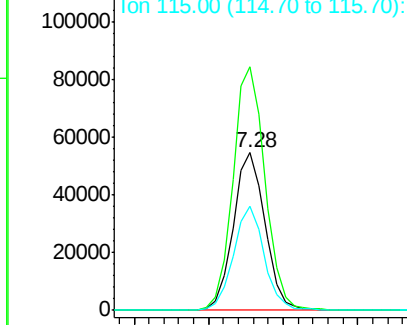
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.28 min Scan# 772  
Delta R.T. -0.02 min  
Lab File: BM026864.D  
Acq: 23 Jul 2020 23:01

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:152 Resp: 81216  
Ion Ratio Lower Upper  
152 100  
150 154.4 128.1 192.1  
115 65.7 52.2 78.4



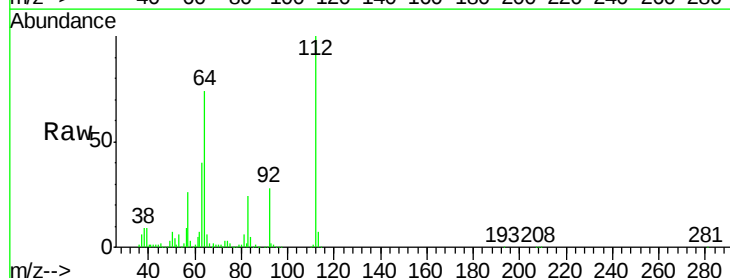
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



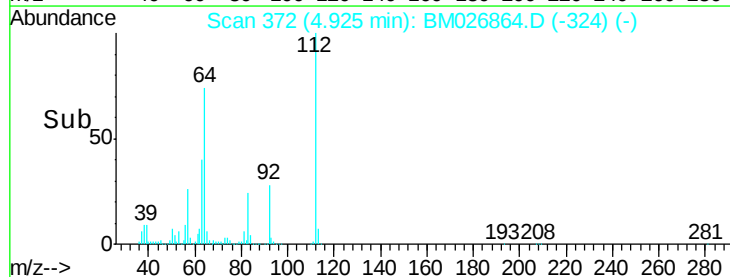
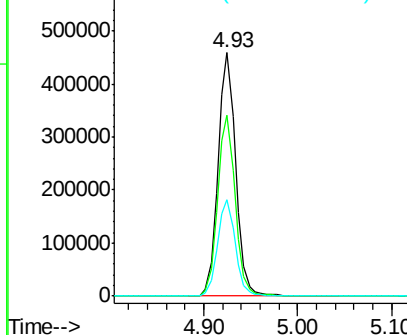
#5

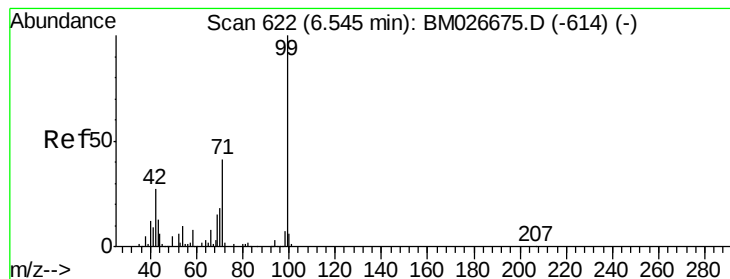
2-Fluorophenol  
Concen: 124.729 ng  
RT: 4.93 min Scan# 372  
Delta R.T. -0.02 min  
Lab File: BM026864.D  
Acq: 23 Jul 2020 23:01

Tgt Ion:112 Resp: 604380  
Ion Ratio Lower Upper  
112 100  
64 74.2 58.4 87.6  
63 39.5 31.5 47.3



Abundance Ion 112.00 (111.70 to 112.70): E  
Ion 64.00 (63.70 to 64.70): BM0  
Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 90.287 ng

RT: 6.50 min Scan# 639

Delta R.T. -0.02 min

Lab File: BM026864.D

Acq: 23 Jul 2020 23:01

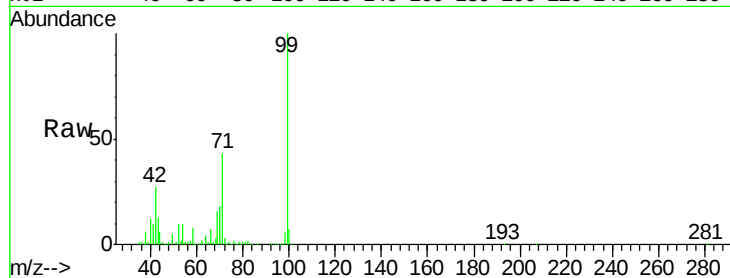
Instrument :

BNA\_M

ClientSampleId :

Tot Ion: 99 Resp: 697037

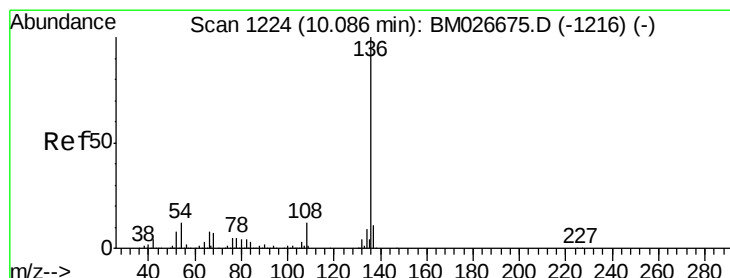
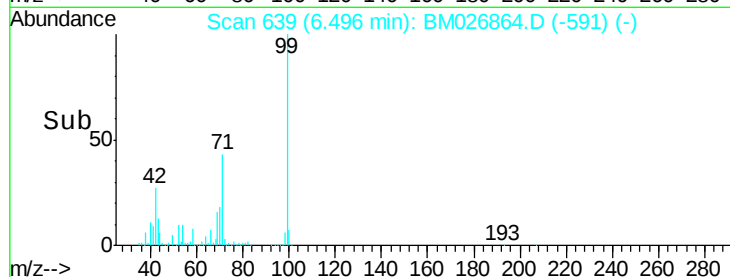
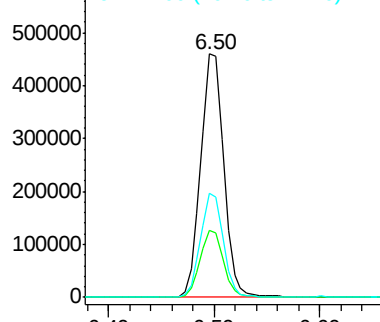
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 27.5  | 21.7  | 32.5  |
| 71  | 42.5  | 33.2  | 49.8  |



Abundance Ion 99.00 (98.70 to 99.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 71.00 (70.70 to 71.70): BM0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.03 min Scan# 1240

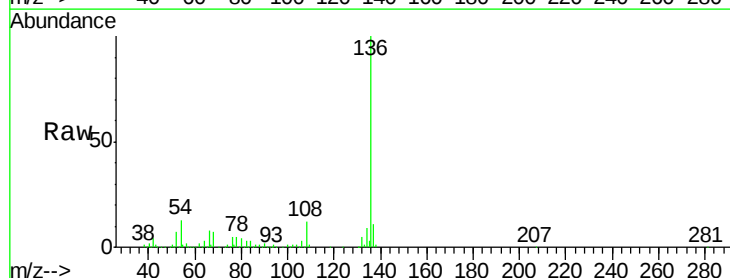
Delta R.T. -0.02 min

Lab File: BM026864.D

Acq: 23 Jul 2020 23:01

Tgt Ion: 136 Resp: 303590

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.6  | 8.6   | 12.8  |
| 54  | 12.6  | 9.8   | 14.6  |
| 68  | 6.5   | 5.8   | 8.6   |

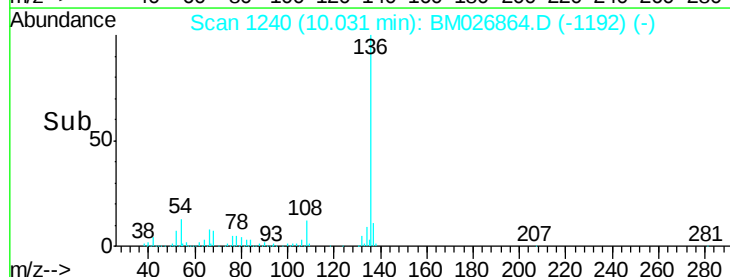
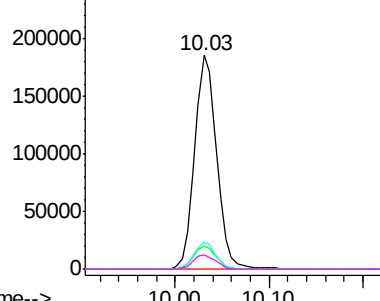


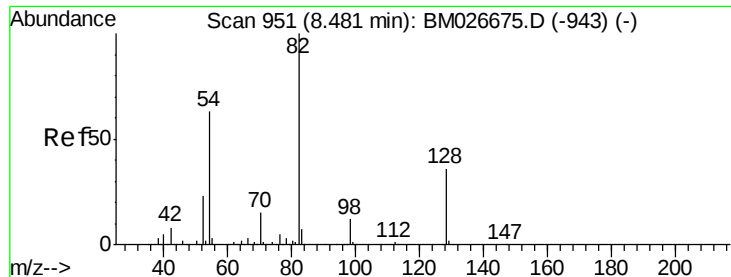
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM0

Ion 68.00 (67.70 to 68.70): BM0





#23

Nitrobenzene-d5

Concen: 83.841 ng

RT: 8.43 min Scan# 968

Delta R.T. -0.02 min

Lab File: BM026864.D

Acq: 23 Jul 2020 23:01

Instrument :

BNA\_M

ClientSampleId :

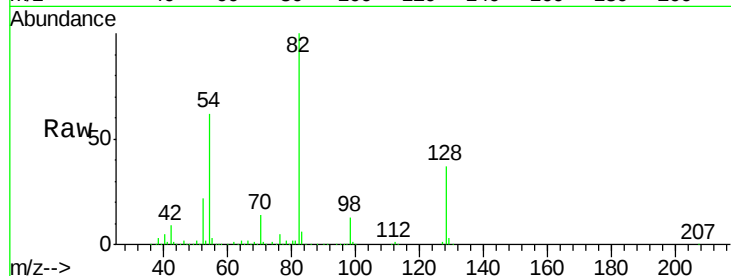
Tot Ion: 82 Resp: 596608

Ion Ratio Lower Upper

82 100

128 37.5 29.1 43.7

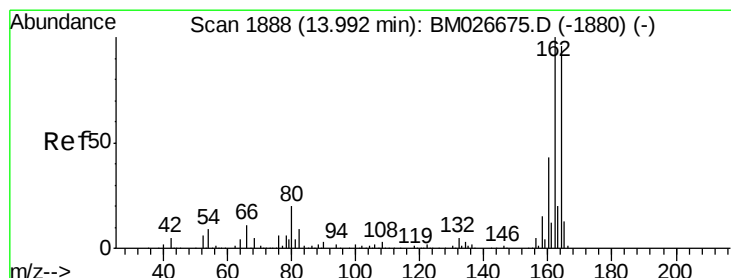
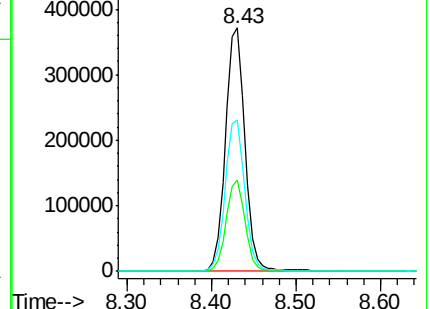
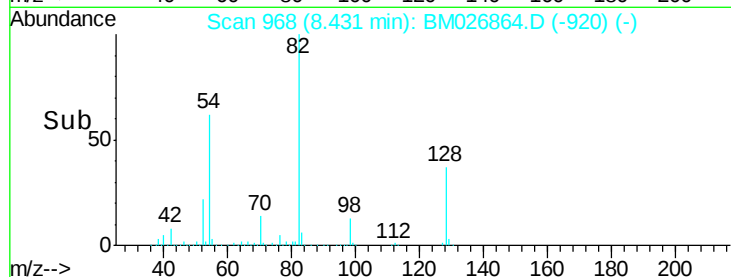
54 62.1 50.2 75.4



Abundance Ion 82.00 (81.70 to 82.70): BM026675.D (-943) (-)

Ion 128.00 (127.70 to 128.70): BM026675.D (-943) (-)

Ion 54.00 (53.70 to 54.70): BM026675.D (-943) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.95 min Scan# 1906

Delta R.T. -0.01 min

Lab File: BM026864.D

Acq: 23 Jul 2020 23:01

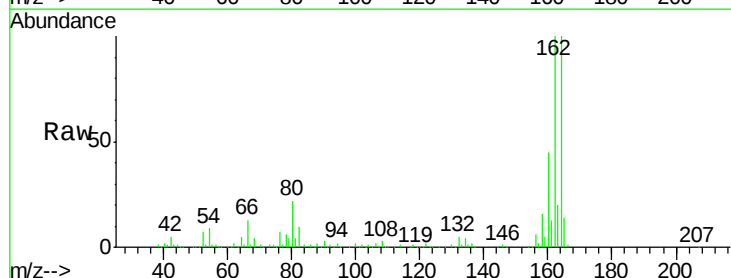
Tgt Ion: 164 Resp: 173079

Ion Ratio Lower Upper

164 100

162 99.8 83.7 125.5

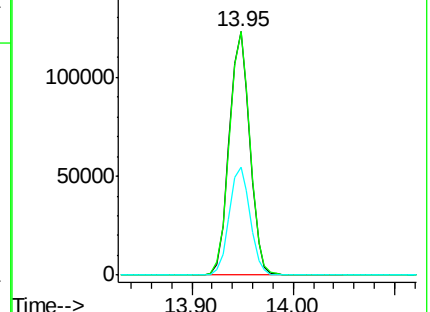
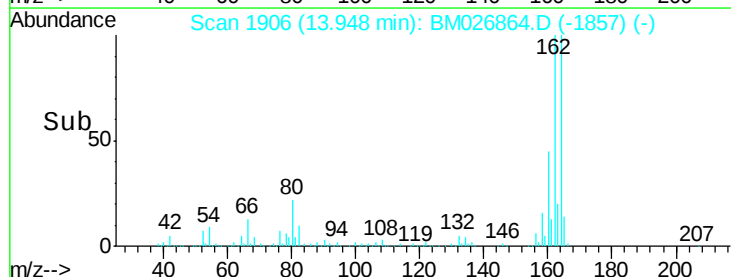
160 44.5 36.2 54.2

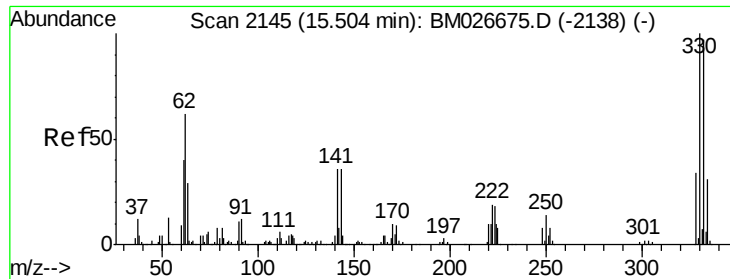


Abundance Ion 164.00 (163.70 to 164.70): BM026675.D (-1880) (-)

Ion 162.00 (161.70 to 162.70): BM026675.D (-1880) (-)

Ion 160.00 (159.70 to 160.70): BM026675.D (-1880) (-)

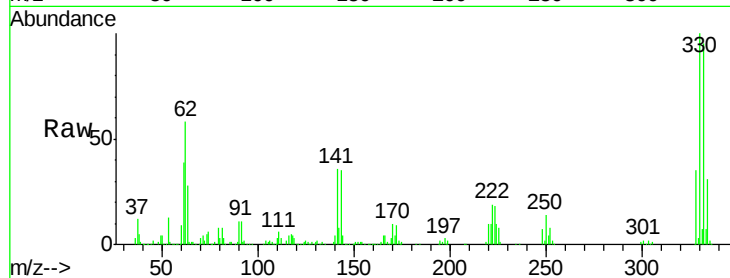




#42  
 2,4,6-Tribromophenol  
 Concen: 128.247 ng  
 RT: 15.47 min Scan# 2164  
 Delta R.T. -0.01 min  
 Lab File: BM026864.D  
 Acq: 23 Jul 2020 23:01

Instrument :  
 BNA\_M  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.5  | 77.5  | 116.3 |
| 141     | 41.6  | 32.4  | 48.6  |

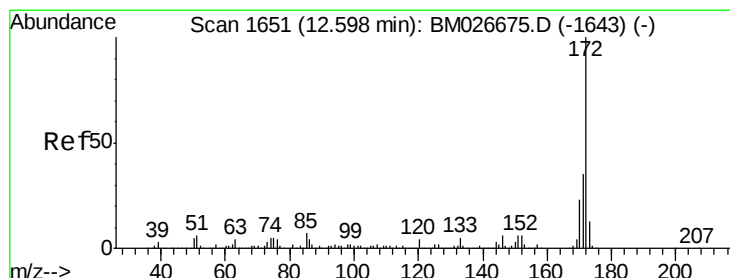
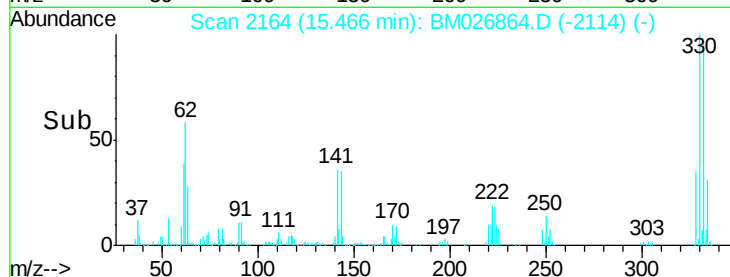
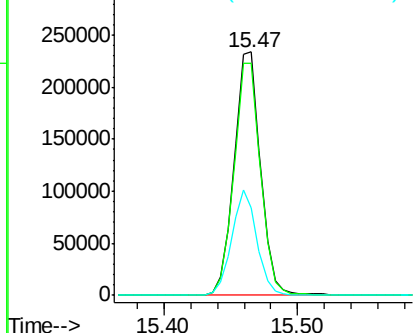


Abundance

Ion 329.80 (329.50 to 330.50): E

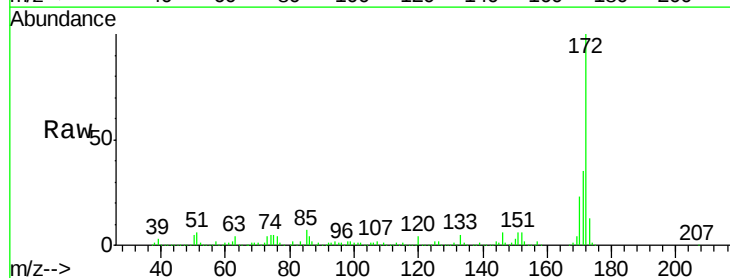
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45  
 2-Fluorobiphenyl  
 Concen: 80.348 ng  
 RT: 12.55 min Scan# 1668  
 Delta R.T. -0.02 min  
 Lab File: BM026864.D  
 Acq: 23 Jul 2020 23:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 34.8  | 27.8  | 41.6  |
| 170     | 22.6  | 18.5  | 27.7  |

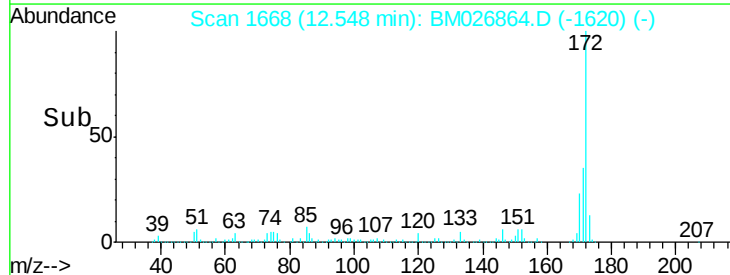
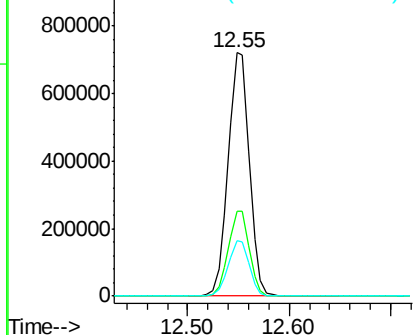


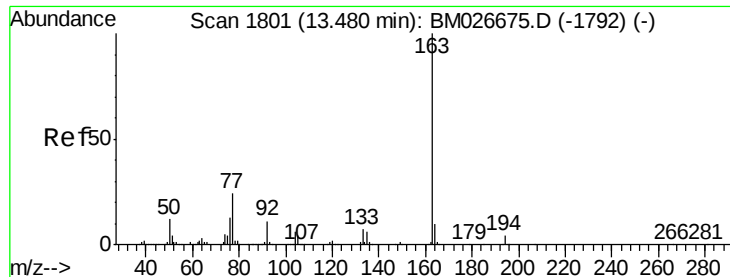
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 15.103 ng

RT: 13.42 min Scan# 1817

Delta R.T. -0.02 min

Lab File: BM026864.D

Acq: 23 Jul 2020 23:01

Instrument :

BNA\_M

ClientSampleId :

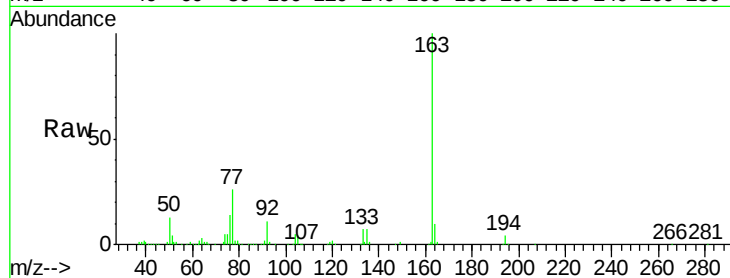
Tot Ion:163 Resp: 223583

Ion Ratio Lower Upper

163 100

194 3.7 3.4 5.2

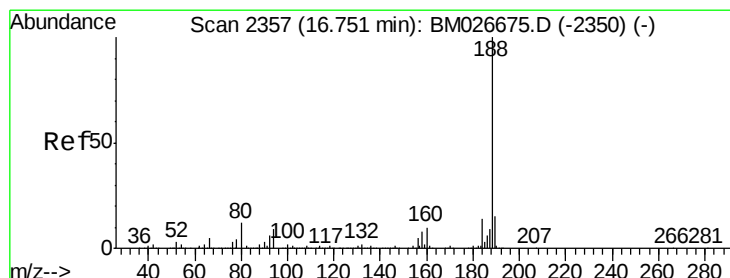
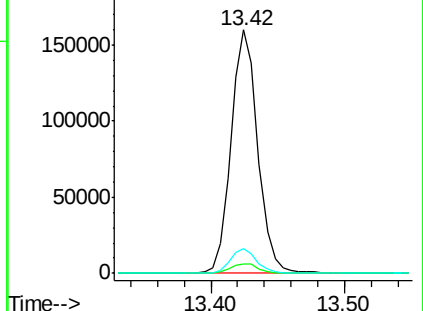
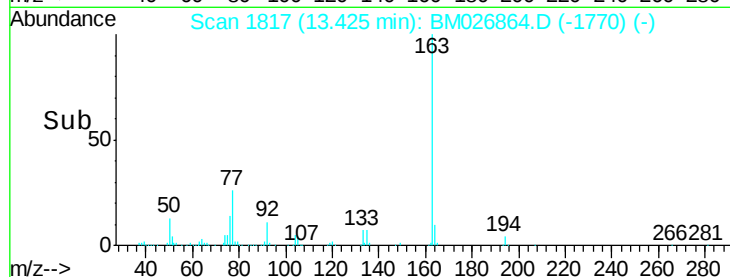
164 10.3 7.8 11.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.71 min Scan# 2376

Delta R.T. -0.01 min

Lab File: BM026864.D

Acq: 23 Jul 2020 23:01

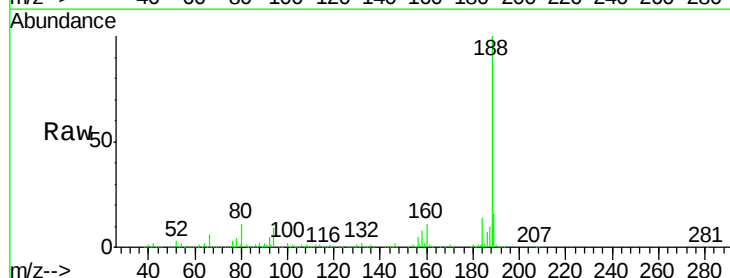
Tgt Ion:188 Resp: 360269

Ion Ratio Lower Upper

188 100

94 8.6 7.4 11.0

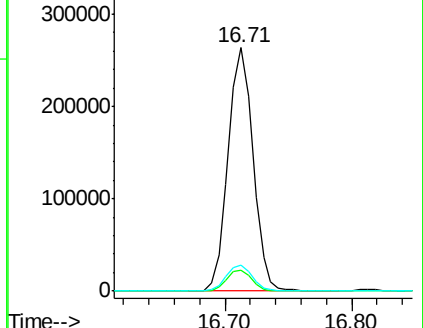
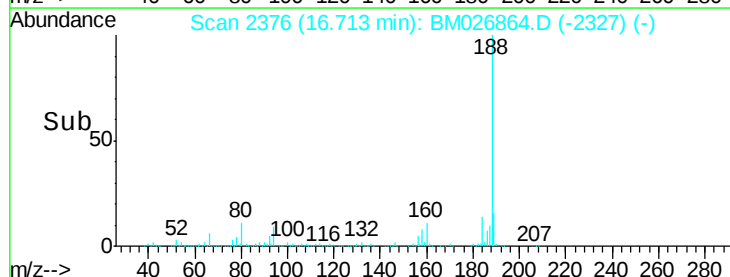
80 10.9 9.3 13.9

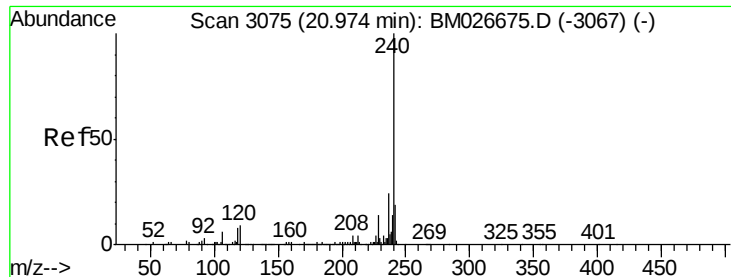


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

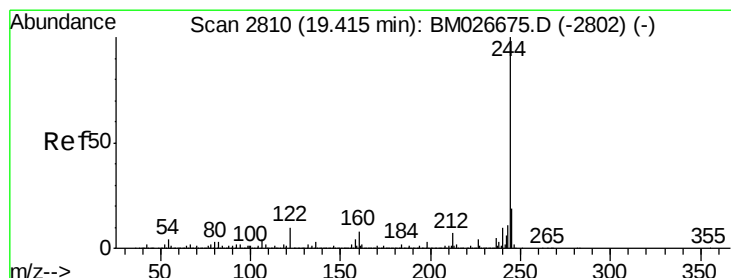
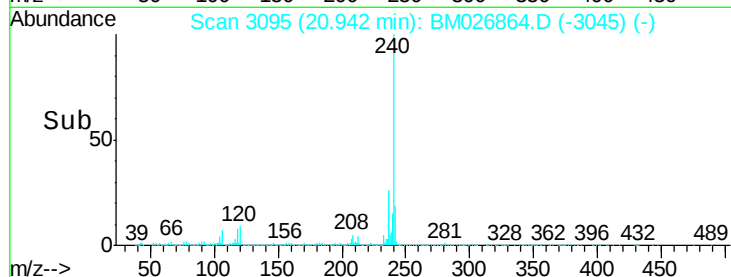
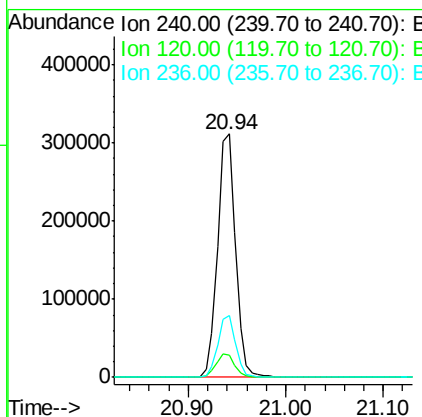
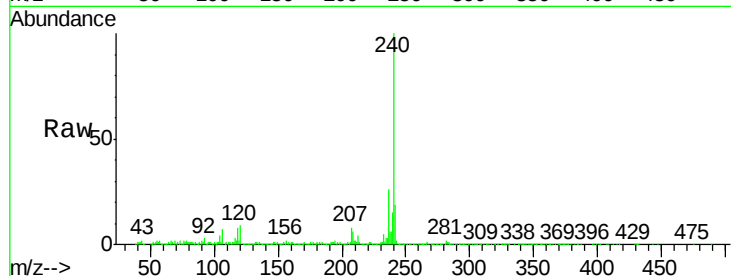




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 20.94 min Scan# 3095  
Delta R.T. -0.01 min  
Lab File: BM026864.D  
Acq: 23 Jul 2020 23:01

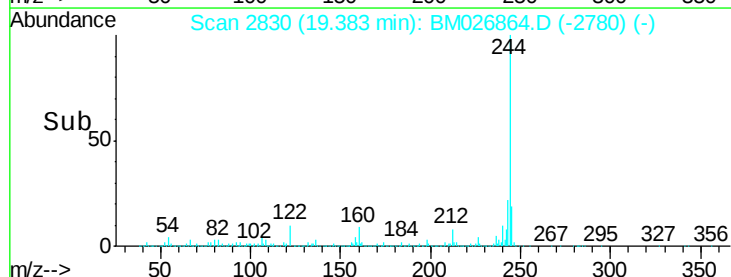
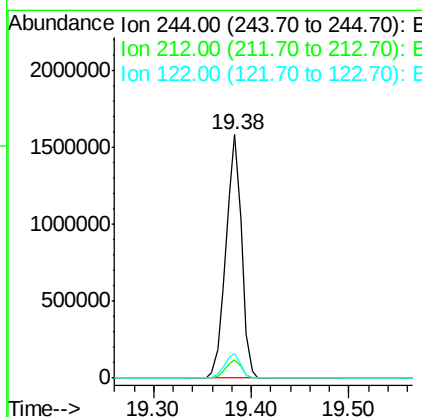
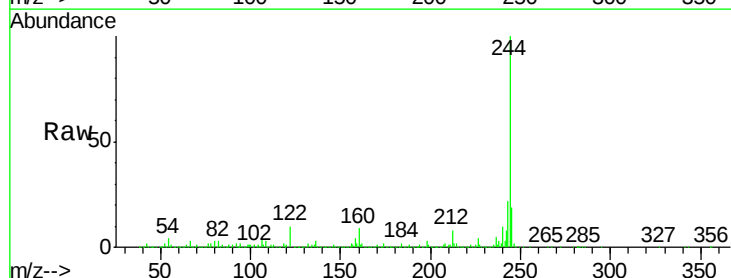
Instrument :  
BNA\_M  
ClientSampleId :

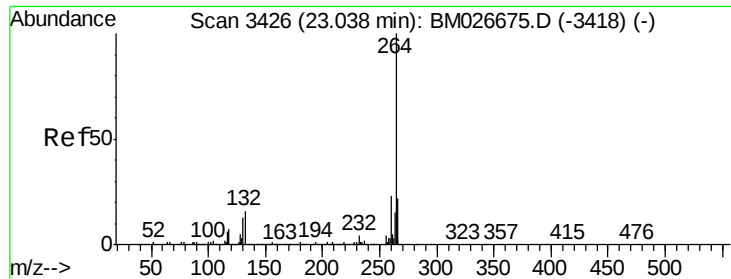
Tot Ion:240 Resp: 401261  
Ion Ratio Lower Upper  
240 100  
120 9.2 7.3 10.9  
236 25.6 19.4 29.2



#79  
Terphenyl-d14  
Concen: 86.132 ng  
RT: 19.38 min Scan# 2830  
Delta R.T. -0.01 min  
Lab File: BM026864.D  
Acq: 23 Jul 2020 23:01

Tgt Ion:244 Resp: 1756162  
Ion Ratio Lower Upper  
244 100  
212 7.8 5.9 8.9  
122 10.1 8.2 12.4





#86  
Pervlene-d12  
Concen: 20.000 ng  
RT: 23.00 min Scan# 3445  
Delta R.T. -0.01 min  
Lab File: BM026864.D  
Acq: 23 Jul 2020 23:01

Instrument :  
BNA\_M  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.2  | 18.2  | 27.2  |
| 265     | 21.7  | 17.6  | 26.4  |

